Need More Information? Call:
California Air Resources Board (800) 952-5588
Or Call Your Local Air Pollution Control District

Air Pollution Control Districts

Amador (209) 257-0112
Antelope Valley (661) 723-8070
Butte (530) 891-2882
Calaveras (209) 754-6504
Colusa (530) 458-0590
El Dorado (530) 621-6662
Glenn (530) 934-934-6500
Imperial (760) 482-4606
Kern (661) 862-5250
Lake (707) 263-7000
Lassen (530) 251-8110
Mariposa (209) 966-2220
Mendocino (707) 463-4354
Modoc (530) 233-5522
Mojave Desert (760) 245-1661
No. Sonoma (707) 433-5911
Placer (530) 745-2330
Sacramento (916) 874-4800
San Diego (858) 586-2600
San Luis Obispo (805) 781-5912
Santa Barbara (805) 961-8800
Shasta (530) 225-5674
Siskiyou (530) 841-4029
Tehama (530) 527-3717
Tuolumne (209) 533-5693
Ventura (805) 645-1400

Multi-County Districts

Bay Area- (415)749-5000
Feather River (530) 634-7659
Great Basin (760) 872-8211
Monterey Bay (831) 647-9411
North Coast (707) 443-3093
Northern Sierra (530) 274-9360
South Coast (909) 396-2000
Yolo-Solano (530) 757-3650
San Joaquin Valley (559) 230-6000

District Numbers Updated 5/2009

91 31081

BAGHOUSES

California Air Resources Board
Compliance Assistance Program

In Cooperation with Industry and
Local Air Pollution Control Districts

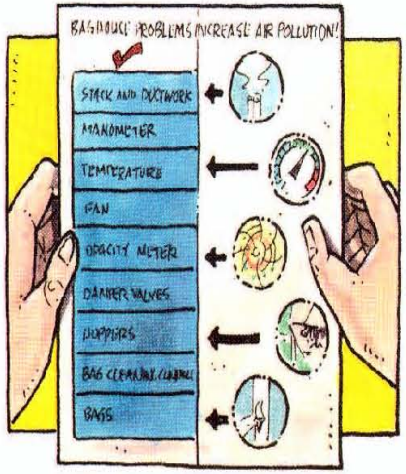
The Problem

One of California's major air pollution problems is **suspended particulate matter (PM_{10})**. These particles, smaller across than a tenth of the thickness of a human hair, are tiny enough to be inhaled into our lungs and remain there, possibly causing long-term harm.

A Solution

Baghouses are used to prevent particles created by industrial processes from entering the air. In concept, baghouses work like vacuum cleaners. Particulates in an airstream are filtered out on surfaces of bags housed inside the unit.

Your local air pollution control district adopts regulations that limit maximum particulate outflow and the visibility of emissions from industrial processes. Air district inspectors will inspect your baghouse periodically. **Violations can cost your company money!**



Self-Inspections Cut PM_{10}

Problems with your baghouse can increase PM_{10} output. Baghouses must be kept in good condition to keep particulate output contained within allowed limits. To do this, baghouses must be inspected and maintained by **plant personnel** on regular schedules. By following your schedule you can help prevent equipment breakdowns and reduce PM_{10} in the air.

If your baghouse breaks down, call your local air district (APCD or AQMD) **right away**. Their breakdown rule may let you keep operating until repairs can be made.

Here's a rule of thumb to tell whether your baghouse is not working well enough:

> If you can **barely see a continuous** flow of particulates from your baghouse stack, your process is probably in violation of the limits.

Your baghouse has a number of items that can affect how well it works. These can be viewed by folding the **Self-Inspection Checklist** (overleaf) as shown to the left. These items should be inspected regularly.

You Can Help!

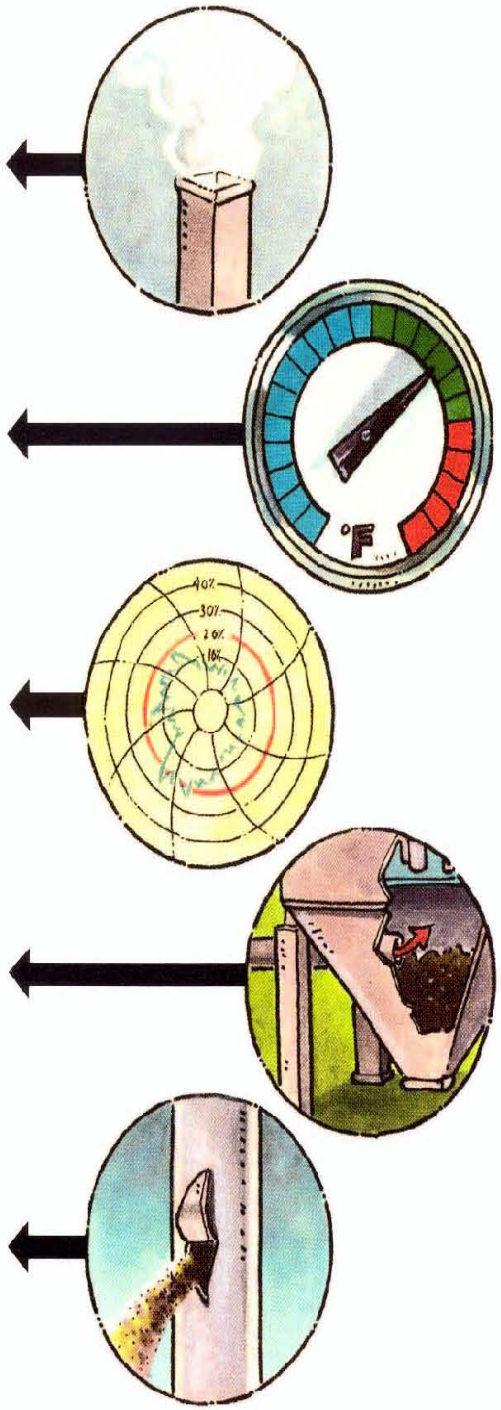
By posting this checklist you can remind yourself to make these checks. You can also make your own checklists using this one as an example. By inspecting your baghouse, **you** can reduce PM_{10} levels in the air and avoid Notices of Violation.

BAGHOUSE PROBLEMS INCREASE PM OUTPUT. USE THIS SELF-INSPECTION CHECKLIST TO DECREASE AIR POLLUTION !

Week of: _____

APCD Phone No: _____

✓	SUN	MON	TUE	WED	THU	FRI	SAT	
STACK* AND DUCTWORK*								PARTICLULATES IN STACK GAS BARELY VISIBLE? LOOK, LISTEN FOR LEAKS IN DUCTS.
MANOMETER*								RECORD FABRIC PRESSURE. WATCH FOR TRENDS.
TEMPERATURE*								AIR TOO HOT? OR BELOW DEWPOINT? COOL AIR SUGGESTS LEAKS.
FAN								FAN STATIC PRESSURE NORMAL?
OPACITY METER*								OPACITY TOO HIGH? RECENTLY CALIBRATED? OPACITY TOO HIGH DURING CLEANING CYCLES?
DAMPER VALVES								CHECK ALL ISOLATION, BYPASS AND CLEANING VALVES.
HOPPERS								TOO FULL? BRIDGING OR PLUGGING? SCREW CONVEYOR LUBRICATED?
BAG CLEANING CONTROLS✦								PROPER CLEANING SEQUENCE AND CYCLE TIMES? CHECK COMPRESSED AIR LINES AND SHAKERS.
BAGS✦								CHECK FOR TEARS, HOLES, ABRASION, PROPER FASTENING, BAG TENSION. REPLACEMENT BAGS ON HAND?



* Inspect twice per shift ✦ Inspect at least weekly

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